161795

IT CORPORATION

March 29, 1985

Project No. 84-6760

Mr. Lloyd Stauffer
O.H. Materials, Inc.
P.O. Box 551
Findlay, OH 45839

Transmittal
Laboratory Analysis

Dear Mr. Stauffer:

The IT Analytical Services (ITAS) Murrysville Laboratory is submitting the final report for the polychlorinated biphenyl (PCB) analysis of the following samples:

- Three soil samples received in the laboratory on March 1, 1985,
- Three soil samples received on March 5, 1985,
- Two soil samples received on March 12, 1985,
- And two soil samples and one water sample received on March 19, 1985.

Results of the analyses, as previously reported to you by telephone, are presented in the enclosed tables and were determined in accordance with U. S. Environmental Protection Agency analytical procedures. The results of duplicate analyses, sample spikes for percent recovery determinations, and method blanks are included in the table of analytical results.

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Regional Laboratory
IT Corporation • 5103 Old William Penn Highway • Export, Pennsylvania 15632 • 412-731-8806

We have enjoyed working with you on this project and hope to be of assistance in the future. Should you have any questions pertaining to the results contained herein or need additional information, please contact us at the Murrysville Laboratory.

Very truly yours,

John J. Duck, Operations Manager
Laboratory Services

Richard M. Burke, General Manager
Laboratory Services

JJD;RMB;ws
Enclosures

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TABLE 1

RESULTS OF POLYCHLORINATED BIPHENYL (PCB)
ANALYSIS OF SOIL SAMPLES
FOR O.H. MATERIALS
PROJECT NO. 84-6760

SAMPLE IDENTIFICATION	PCB CONCENTRATION[1] mg/kg[2]	% RECOVERY	SOURCE AROCLOR[3]
01 Gr. off House 318	4500	(4)	1260
02 Gr. off House 319	2.7	(4)	1260
03 Driveway	5.8	(4)	1260
00 Clay Background	<1.0[5]	(4)	(3)
01 Front Comp.	930	(4)	1260
02 Side Comp.	190	(4)	1260
00 Background	<1.0/<1.0[6]	110%[7]	1260[8]
01 Soil Composite	4.2/3.9[6]	100%[7]	1260[8]
00 Background	17/16[6]	(4)	1260
01 Berwind Land Co.	1.9/1.7[6]	(4)	1260

(1) Method blanks were consistently <1.0 mg/kg polychlorinated biphenyl.

(2) Reported values were not corrected for percent recovery, mg/kg = milligrams per kilogram or parts per million.

(3) Indicates when PCBs are detected, the source of the PCB contamination and the commercial aroclor mixture used for quantitation. All samples were screened for Aroclors 1016, 1221, 1232, 1242, 1248, 1254, and 1260 to determine whether PCBs were present and which aroclor standards were required for instrument calibration.

(4) Percent recovery not run on the indicated sample.

(5) The indicated value represents the detection limit for polychlorinated biphenyls that is obtained in the IT Analytical Services Laboratory and coincides with the required detection limit referenced in the EPA analytical procedure.

(6) Replicate extractions and analyses were performed on the indicated sample as part of the laboratory Quality Control program.

(7) Value represents the percent recovery for spiking with Aroclor 1260.

(8) Sample spiked with Aroclor 1260 for percent recovery.

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TABLE 2

SUMMARY OF POLYCHLORINATED BIPHENYL RESULT
OF WATER SAMPLE
FOR O. H. MATERIALS
PROJECT NO. 84-6760

SAMPLE IDENTIFICATION	PCB CONCENTRATION[1] µg/ℓ[2]	SOURCE AROCLOR[3]
02 Holding Pond	<1.0	(3)

(1) The method blank was <1.0 microgram per liter polychlorinated biphenyl.

(2) µg/ℓ = micrograms per liter or parts per billion.

(3) Indicates when PCBs are detected, the source of the PCB contamination and the commercial aroclor mixture used for quantitation. All samples were screened for Aroclors 1016, 1221, 1232, 1242, 1248, 1254, and 1260 to determine whether PCBs were present and which aroclor standards were required for instrument calibration.

ENVIRON[illegible] [illegible]L PROTECTION AGENCY
Office of Enforcement

F[illegible]ON 3
Curtis Bldg., 6th & Walnut Sts.
Philadelphia, Pennsylvania 19106

CHAIN OF CUSTODY RECORD

PROJ. NO.

PROJECT NAME: SHAFFER Equip. Co.

SAMPLERS: *(Signature)* [illegible] Lynn Nuss

STA. NO.	DATE	TIME	COMP.	GRAB	[illegible]ON LOCATION	NO. OF CON-TAINERS	8 02 61035						REMARKS
01	2/24/85	1700	✓		[illegible] House 318	1	1						PCB Analysis
02	2/24/85	1715	✓		[illegible] House 315	1	1						
03	2/24/85	1730	✓		[illegible]	1	1						

Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Lynn Nuss	2/28/85 1800				
Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*	Relinquished by: *(Signature)*	Date / Time	Received by: *(Signature)*
Relinquished by: *(Signature)*	Date / Time	Received for Laboratory by: *(Signature)*	Date / Time	Remarks	

ORIGINAL (Red)

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